



U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

**SUPPLEMENTAL INFORMATION  
DISCLOSURE STATEMENT**

Docket Number  
10191/3165

Application Number  
10/614,540

Filing Date  
July 7, 2003

Examiner  
To Be Assigned

Art Unit  
2651

Invention Title

METHOD OF ADJUSTING OR LOCALLY  
MODIFYING A MAGNETIZATION IN A LAYER OF A  
MAGNETORESISTIVE LAYER SYSTEM, HEAT  
STAMP FOR HEATING THE MAGNETORESISTIVE  
LAYER SYSTEM, AND USE OF SAME

Inventor(s)

SIEGLE et al.

Whereby certify that this correspondence is being deposited with the  
United States Postal Service with sufficient postage as first class mail.  
in envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  
on

Date: 1/22/04

1. In accordance with the disclosure under 37 C.F.R. § 1.56 and in conformance with the procedures of 37 C.F.R. §§ 1.97 and 1.98 and M.P.E.P. § 609, attorneys for Applicants hereby bring the following references to the attention of the Examiner. The references are listed on the attached modified PTO form 1449. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.
2. A copy of each patent, publication or other information listed on the modified PTO form 1449 is enclosed, except as otherwise indicated on the modified PTO form 1449.
3. It is believed that no fees are due in connection with this Information Disclosure Statement. However, should any fees be due, the Commissioner is authorized to charge Deposit Account No. 11-0600 for such fees. A duplicate of this communication is enclosed for charging purposes.

Dated: 1/22/04

By: 

Richard L. Mayer (Reg. No. 22,490)

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**INFORMATION DISCLOSURE  
STATEMENT BY  
APPLICANTS  
PTO FORM 1449**

Atty. Docket No.  
10191/3165

Serial No.  
10/614,540

Applicant(s)  
SIEGLE et al.

Filing Date  
July 7, 2003

Group  
2561

**U. S. PATENT DOCUMENTS**

EXAMINER'S INITIALS	PATENT NUMBER	PATENT DATE	NAME	CLASS	SUBCLASS	FILING DATE

**FOREIGN PATENT DOCUMENTS**

EXAMINER'S INITIALS	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION	
						YES	NO
	1007 46 58	March 17, 1998	Japan			* abstract	

**OTHER DOCUMENTS**

EXAMINER'S INITIALS		AUTHOR, TITLE, DATE, PERTINENT PAGES, ETC.
		Lee K et al., "Enhanced tunneling magnetoresistance and thermal stability of magnetic tunnel junction by rapid thermal anneal", JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS, ELSEVIER, AMSTRDAM, NL., Bd. 239, Nr. 1-3, 02/2002, S. 120-122, XP-004351733.
		Wu et al., "Thermal annealing study of spin valves", JOURNAL OF APPLIED PHYSICS, Bd. 89, Nr. 01-06-11, S.7616-7618, XP-001072884.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	